

VIRGINIA NRCS RUSLE2 QUICK GUIDE

FY2013 and Windows7 RUSLE2 Update **for USDA Computers in Virginia**

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These instructions are for VIRGINIA USDA COMPUTERS ONLY. If you want to complete this update on a non-USDA computer, look for a separate update document for non-USDA Virginia RUSLE2 users.

WHY IS THIS NECESSARY?

1. What the FY2013 Update contains:

- a. **All new crop managements.** As part of a national overhaul of RUSLE2 crop management templates completed in late FY2012 (therefore dated November 2012), we made major changes to the crop managements for all zones pertinent to Virginia RUSLE2 users (CMZs 64, 66, and 67 North). This includes a new approach and new files for running RUSLE2 on permanent pastures in Virginia.
- b. **All new soils.** The Virginia NRCS Soils Team started maintaining VA RUSLE2 soils data starting in FY2013. They elected to start fresh with new RUSLE2 soils data for all counties in VA (whether or not actual content changed) for FY2013. They also modified how VA RUSLE2 soils files are named, which means new soils data will not link up with existing RUSLE2 calculations.
- c. **Other changes.** This update also includes a new VA User Template (which controls your screen view) and, for your convenience, “default” or blank calculation files pre-populated with key data for each county. Changing your database name triggers the need to change various settings related to the check-in/check-out process, so this is also part of the update.

2. What the Windows 7 Update contains:

- a. **New Virginia check-out / check-in script.** As NRCS migrates to Windows 7, RUSLE2 users will need to change the script and some associated paths and settings associated with checking out / checking in the shared Service Center moles database.
- b. **Other changes.** Switching to Windows 7 means RUSLE2 hard drive data is stored in a new location. Therefore, certain Virginia-specific data and templates must be pasted into this new location.

STEP A. ARCHIVE YOUR OLD MOSES, ACTIVATE YOUR NEW 2012.NOV MOSES

1. Get ready

- a. Make sure you are mapped to your local Service Center F:\ or data drive.
- b. Make sure the current shared Service Center moles database file is checked back in.

2. Navigate to F:\RUSLE2data\R2.MOSES and archive and/or delete files

Rename your current shared Service Center moles database file (ends in “.gdb”) by adding the word “Archive” at the beginning of the file name. Do the same for other backup copies of moles databases, or delete those files to reduce clutter. **DO NOT RENAME OR MODIFY THE ZIPPED VERSION OF THE NEW 2012.NOV SERVICE CENTER MOSES!**

3. Unzip and activate your new 2012.Nov shared Service Center moses database

Right-click on the zipped file, then select “WinZip... Extract to here”. A new “.gdb” file should appear.

4. Delete zipped version of moses to reduce clutter

Once Substep A.3. is complete, delete the zipped version of the new moses file (file name ending in “.zip”).

5. Do you still want access to your old customized local crop management files?

Chris Lawrence can help you transfer old customized local management files to your new 2012.Nov shared Service Center moses database. If you want to do this, call him for one-on-one help!

STEP B. 2012.NOV HARD DRIVE UPDATE FOR VA NRCS XP COMPUTERS

If you have already migrated to Windows 7, skip this step and proceed directly to Step C.

This step must be completed once for each VA NRCS computer running RUSLE2 on XP operating system. In addition, Substeps B.4. thru B.6. might need to be completed once by each user (some settings are login-specific).

1. Unzip new data and templates to the RUSLE2 hard drive folder

- Navigate to F:\RUSLE2data\R2.UPDATE.DATA\
- Open folder XP_2012_NOV_CDRIVE_UPDATE
- Double-click on the enclosed script “2012.XP.Update.cmd”
- When complete, a window opens showing content of RUSLE2 hard drive folder. Close it and proceed.

2. If needed, place copy of XP VA NRCS RUSLE2 database checkout script on your desktop.

This should not be needed for most VA NRCS XP computers. If for some reason you don’t have the XP checkout script (called “R2goF.d.cmd”) on your desktop, follow these steps:

- Open folder XP_CHECKOUT_Script
- Right-click on the enclosed file “R2goF.d.cmd” and choose “Send to...Desktop (create shortcut).”

3. Verify that the checkout script works

- From your desktop, double-click on the shortcut to “R2goF.d.cmd”
- Watch black box to verify that your moses database is being checked out.
- After RUSLE2 opens, you may see an “Introduction” dialog box – if so, click “OK”. Cancel, close, or say “no” to any other dialog boxes that might pop up. Now look for the name of the active moses database in the bottom right-hand corner of your gray RUSLE2 screen – this will probably be “moses”.

4. Select the new Virginia moses as your active database.

- From the Database menu (top left), choose “Open Alternate”.
- Select the new 2012.Nov Service Center shared moses.
- Check that name of correct database now shows in bottom right-hand corner of gray RUSLE2 screen.

5. Make the new Virginia moses your Startup database

Go back to the Database menu (top left) and select “Startup Database”. From this point forward, RUSLE2 should automatically read the new database whenever you open the software.

6. Verify that User Template selection is VA Basic User Template 2012 Nov

The RUSLE2 User Template controls the appearance of your screen (how simple or complex it is). The name of the active User Template is shown just to the left of the active moses database name in the bottom right-hand corner of the RUSLE2 screen. If it does not say “VA Basic User Template 2012 Nov,” follow these steps:

- Right-click on the active User Template name, then select “Load”.
- Choose “VA Basic User Template 2012 Nov”.
- Verify that User Template selection is VA Basic User Template 2012 Nov

7. When you close RUSLE2, make sure database is checked in properly.

STEP C. 2012.NOV HARD DRIVE UPDATE FOR VA NRCS WINDOWS 7 COMPUTERS

*Complete this step after Windows 7 migration, even if you previously completed the hard drive update for XP above!
This step must be completed once for each VA NRCS computer running RUSLE2 on Windows 7. In addition, Substeps C.5 thru C.7. might need to be completed once by each user after migration to Windows 7 (some settings are login-specific).*

**1. Check that you have “Full Control/modify/write” permission for the RUSLE2 hard drive folder
C:\Program Files (x86)\USDA\Rusle2**

To check, go to C:\Program Files (x86)\USDA\Rusle2 using Windows Explorer, then right-click > Properties. Under Security tab, scroll to Users... & select. If the above permissions are not checked, contact ITS to have those permissions granted!

2. Unzip new data and templates to the RUSLE2 hard drive folder

- a. Navigate to F:\RUSLE2data\R2.UPDATE.DATA\
- b. Open folder W7_2012_NOV_CDRIVE_UPDATE
- c. Double-click on the enclosed script “2012.W7.Update.cmd”
- d. When complete, a window opens showing contents of RUSLE2 hard drive folder. Close it and proceed.

3. Place copy of Windows 7 VA NRCS RUSLE2 database checkout script on your desktop.

- a. Open folder W7_CHECKOUT_Script
- b. Right-click on the enclosed file “R2goF_W7.cmd” and choose “Send to...Desktop (create shortcut)”

4. Verify that the checkout script works

- a. From your desktop, double-click on the shortcut to “R2goF_W7.cmd”
- b. Watch black box to verify that your moses database is being checked out.
- c. After RUSLE2 opens, you may see an “Introduction” dialog box – if so, click “OK”. Cancel, close, or say “no” to any other dialog boxes that might pop up. Now look for the name of the active moses database in the bottom right-hand corner of your gray RUSLE2 screen – this will probably be “moses”.

5. Select the new Virginia moses as your active database.

- a. From the Database menu (top left), choose “Open Alternate”.
- b. Select the new 2012.Nov Service Center shared moses.
- c. Check that name of correct database now shows in bottom right-hand corner of gray RUSLE2 screen.

6. Make the new Virginia moses your Startup database

Go back to the Database menu (top left) and select “Startup Database”. From this point forward, RUSLE2 should automatically read the new database whenever you open the software.

7. Verify that User Template selection is VA Basic User Template 2012 Nov

The RUSLE2 User Template controls the appearance of your screen (how simple or complex it is). The name of the active User Template is shown just to the left of the active moses database name in the bottom right-hand corner of the RUSLE2 screen. If it does not say “VA Basic User Template 2012 Nov,” follow these steps:

- a. Right-click on the active User Template name, then select “Load”.
- b. Choose “VA Basic User Template 2012 Nov”.

8. When you close RUSLE2, make sure database is checked in properly.